Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 30 Jan 2023 until 23:59 on Tuesday 31 Jan 2023

Forecast Issued on Monday 30 Jan 2023 at 01:54

Confidence: High, but Medium in cloud details.

Headline for Monday 30 Jan 2023: Mainly dry and bright. Cold and windy at height.

Mountain weather hazards on Monday 30 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Sleet
Precipitation probability					
10%	<05%	<05%	<05%	10%	50%

Forecast for Monday 30 Jan 2023

Weather: Bright during daylight hours and mainly dry, although an isolated light shower possible through the morning, again any showers wintry over the summits. Patchy rain and lowering cloud later in the evening, wintry for a time over the summits.

Chance of cloud-free hill tops above 800m: 80%, lowering 20% late evening.

Low cloud and visibility: Occasional or patchy cloud near or above the summits, becoming extensive, base 300 to 600m, later in the evening. Visibility mainly very good, except in patchy summit cloud or showers, then moderate to very poor late in the evening.

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Forecast for Monday 30 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	45/54 NW	38/46 NW	25/32 NW	21/27 W	21/27 SW	28/36 SW	36/47 SW
600	32/42 W	27/38 NW	21/28 NW	18/25 W	18/26 W	23/32 SW	29/40 SW
300	12/37 NW	11/31 NW	10/24 NW	8/21 W	7/21 W	10/27 SW	12/32 SW
Valley	9/33 NW	9/27 NW	8/21 W	9/19 W	7/19 W	9/23 SW	12/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-11	-1/-10	0/-7	-0/-7	-0/-7	-0/-8	1/-7
600	1/-7	1/-6	2/-4	2/-4	2/-4	2/-5	3/-4
300	4/-1	4/-0	5/2	5/2	4/1	4/1	5/1
Valley	6/2	6/3	7/4	7/4	6/4	6/4	7/4
Freezing Level*	700m	800m	800m	800m	800m	900m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around 3 Celsius at dawn.

Forecast for Tuesday 31 Jan 2023

Weather: Overnight rain, then bright with wintry showers, any snow mainly above 600m. Severe wind chill.

Maximum wind: West 35mph gusts 55mph.

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Cloud mainly near or above the summits, but lowering significantly in showers. Visibility very good falling moderate to very poor in wintry showers.

Temperature:
Valleys: Plus 3 to 6 Celsius
At 800m: Around Zero Celsius
Freezing level: 600 to 800m, although above the summits overnight.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 29 January. Location: Top of Swirral Edge at 17:17. Temperature: plus 1.9degC. Maximum wind speed 36.5mph. Wind chill: minus 6.6degC. Average wind speed: 30.6mph
Full report:
A similar day to yesterday albeit with a bit more wind and lingering low cloud shrouding the higher tops for much of the day.
The majority of the fells are snow-free apart from old drifts in sheltered areas which are easy to avoid. However, larger areas of snow are still present, predominantly on Helvellyn and its surrounding fells and most notably on shady north and east-facing slopes above 800m.
In these areas accumulations remain up to knee-deep in-depth and cornices (snow overhangs) are present around corrie rims. The snow today was firm and icy in places, particularly in areas where it has been compressed by walkers' feet.
The Helvellyn edges are a mixture of exposed rock and snow, and anyone considering these or similar steep and exposed routes are advised to carry an ice axe and crampons/microspikes.
Full winter clothing (warm and waterproof) including hats and gloves, as well as a map, compass, and headtorch, are all essential for anyone venturing into the high fells.
This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 01:54 on Mon 30 Jan 2023

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